

AMENDMENTS TO THE SPECIFICATION

Please replace lines 6-9 of paragraph [0011] on page 3 with the following amended paragraph:

Press molding of lenses having a wave front aberration of less than or equal to 0.04λ rms during manufacturing requires first that spherical aberration, particularly third-order spherical aberration, be as low as possible: ~~less than or equal to~~ within $\pm 0.02 \lambda$ rms, preferably ~~less than or equal to~~ within $\pm 0.01 \lambda$ rms.

Please replace lines 3-7 of paragraph [0020] on page 8 with the following amended paragraph:

an objective lens for optical picking up, having a numerical aperture of greater than or equal to 0.6, a paraxial radius of curvature of less than or equal to 3 mm, an effective lens diameter of greater than or equal to 5 mm, and a maximum surface inclination of greater than or equal to 45 degrees with a wave front aberration of ~~within~~ less than or equal to 0.04λ rms at a prescribed wavelength (λ) of less than or equal to 430 nm.

Please replace the paragraph [0060] on page 19 with the following amended paragraph:

(2) High-NA single lenses in which the wave front aberration at a prescribed wavelength (λ) of less than or equal to 430 nm is ~~within~~ less than or equal to 0.04λ rms, desirably ~~within~~ less than or equal to 0.03λ rms, and preferably ~~within~~ less than or equal to 0.02λ rms.

Please replace the paragraph [0064] on page 20 with the following amended paragraph:

Of these, optical pickup objective lenses having a numerical aperture of greater than or equal to 0.6, a paraxial radius of curvature of less than or equal to 3 mm, an effective diameter of less than or equal to 5 mm, a maximum surface inclination of greater than or equal to 45 degrees, a third-order surface aberration within $\pm 0.02 \lambda$ rms at a prescribed wavelength (λ) of less than or equal to 430 nm, and optical pickup objective lenses having a numerical aperture of greater than or equal to 0.6, a paraxial radius of curvature of less than or equal to 3 mm, an effective diameter

Response to Restriction and Election of Species Requirement
And Preliminary Amendment
U.S. Appln. No. 10/809,408

of less than or equal to 5 mm, a maximum surface inclination of greater than or equal to 45 degrees, a wave front aberration ~~within~~ less than or equal to 0.04λ rms at a prescribed wavelength (λ) of less than or equal to 430 nm lenses, which cannot be manufactured by prior art, are lenses that are themselves covered by the present invention.